PATENT Atty. Docket No. 1631.002

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I hereby certify that this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed: Assistant Commissioner of Patent and Trademarks, Washington, D.C. 20231 on February (7, 2000. EEB 5 5 5000 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In re Application of: Susan W. Barnett et al. 09/475,704 Group Art Unit: to be assigned Serial No.: December 30, 1999 Examiner: to be assigned Filed: POLYNUCLEOTIDE ENCODING ANTIGENIC HIV TYPE C For: POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF CERTIFICATE UNDER 37 C.F.R. § 3.73(b) CHIRON CORPORATION , a states that it is: 1. [X] the assignee of the entire right, title, and interest, or 2. [] an assignee of an undivided part interest in the patent application/patent identified above by virtue of either: A. [X] An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel Frame , or for which a copy thereof is attached. OR B. [] A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below: 1. From: To: The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

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[]	Additional doc	uments in the chain o	f title are listed on a suppler	nental sheet.
[NC cop acco	OTE: A separate of the original ordance with 37	e copy (i.e., the origil document) must be	in the chain of title are attacenal assignment document or submitted to Assignment D ssignment is to be recorded 2.8]	a true ivision in
The unders assignee.	signed (whose t	tle is supplied below) is empowered to act on bel	half of the
Date:	416/00)		
Name:	Anne S. Doll	ard		
Title:	Assistant Sec	retary, CHIRON CO	RPORATION	
Signature:	an D	Mm		



PATENT Atty. Docket No. 1631.002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Susan W. Barnett et al.

Serial No.:

09/475,704

Group Art Unit: to be assigned

Filed:

December 30, 1999

Examiner: to be assigned

For:

POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF

ASSIGNMENT DOCUMENT COVER LETTER

Box Assignment Assistant Commissioner for Patents Washington, D.C. 20231

- 1. The accompanying assignment covers the patent or application identified above.
 - X No other patents or applications are covered by the assignment.
 - Other patents and/or applications covered by the assignment as shown on the attached LIST OF PATENTS AND/OR APPLICATIONS COVERED BY ASSIGNMENT.

NAMES OF PARTY MAKING TRANSFER

2. Name 1: Susan W. Barnett Name 2: Jan zur Megede



PATENT Atty. Docket No. 1631.002

IDENTITY OF PARTY TO WHOM TRANSFER IS MADE

3. Transfer is being made to:

Chiron Corporation 4560 Horton Street - R440 Emeryville, CA 94608-2916 United States of America

INTENTION OF DOCUMENT

4.	The ac	companying document is an:
	<u>X</u>	Assignment (original) License Security Interest Other
	<u>X</u>	Execution Date(s): February 7, 2000, and February 11, 2000
		FEE PAYMENT
5.	Total f	See due \$40.00
		Charge Deposit Account No. 03-1664 in the sum of \$40.00.
	<u>X</u>	Enclosed is a check for \$40.00.
	<u>X</u>	The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account No. 03-1664. THIS IS NOT AN AUTHORIZATION FOR PAYMENT OF ANY ISSUE FEES.



PATENT Atty. Docket No. 1631.002

ADDRESS TO WHICH DOCUMENT SHOULD BE RETURNED AFTER RECORDAL BY PTO

6. Please return the recorded document to:

CHIRON CORPORATION
Intellectual Property - R440
P.O. Box 8097
Emeryville, California 94662-8097
United States of America

STATEMENT BY THE PARTY

7. I hereby submit that, to the best of my knowledge and belief, the information contained herein is true and correct and any copy submitted herewith is a true and correct copy of the original document.

Respectfully submitted,

By:

Anne S. Dollard

Attorney for Applicants

Reg. No. 43,935

February /5, 2000

CHIRON CORPORATION Intellectual Property - R440 P.O. Box 8097 Emeryville, California 94662-8097 (510) 923-2719 (510) 655-3542 (fax)

Total number of pages comprising cover sheet: 7 (Cover Letter plus Original Assignment)

ASSIGNMENT

WHEREAS, We, Susan W. Barnett and Jan zur Megede, hereinafter referred to as ASSIGNORS. have invented certain new and useful improvements as described and set forth in the belowidentified application for United States Letters Patent:

Title of Invention:

POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C

POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF

Date(s) of Execution: February 7, 2000

Filing Date: December 30, 1999

February 11, 2000

Serial No:

09/475,704

WHEREAS, CHIRON CORPORATION, 4560 Horton Street, Emeryville, California 94608-2916, a corporation of the State of Delaware, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNORS by ASSIGNEE, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Atty. Docket No. 1631.002

ASSIGNORS also agree that the U.S. application number may be entered above by ASSIGNEE or its agents upon designation of the application number by the U.S. Patent and Trademark Office.

ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to this assignment on the dates indicated below.

DATE 2/7/00

Susan W. Barnett

DATE 2/11/00

Jan zur Megede

CALIFORNIA ALL-PURPOSE ACKN WLEDGMENT

<u>\$</u>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
State of <u>California</u>	
County of <u>Alameda</u>	
On <u>February 7, 2000</u> Date	before me, Elissa M. Nash Name and Title of Officer (e.g., 'Jane Doe, Notary Public')
personally appeared <u>Susan W.</u>	Barnett Name(s) of Signer(s)
ELISSA M. NASH Commission # 1096687 Notary Public — California Alameda County	proved to me on the basis of satisfactory evidence to be the person whose name is is an esubscribed to the within instrument and acknowledged to me that he she they executed the same in his her)the authorized capacity (ies), and that by wis her)the bignature on the instrument the person or the entity upon behalf of which the person executed the instrument.
My Comm. Expires May 10,2000	WITNESS my hand and official seal.
	Signature of Netary Public
Though the information below is not required	DPTIONAL ————————————————————————————————————
fraudulent remo	oval and reattachment of this form to another document.
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State ofCalifornia	-
County of Alameda	_
On <u>February 11, 2000</u> before me,	Elissa M. Nash
personally appeared	
Personally known to me – OR – A proved to me o wh an sa fils Commission # 1096687 Notary Public — California Alameda County My Comm. Expires May 10,2000	In the basis of satisfactory evidence to be the person shose name (s) (s) a) esubscribed to the within instrument d acknowledged to me that (new)/they executed the me in his her/their authorized capacity (less), and that by their signature (s) on the instrument the person (s) the entity upon behalf of which the person (s) acted ecuted the instrument. ITNESS my hand and official seal. Signature of Notary Public
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Though the information below is not required by law, it may professed fraudulent removal and reattachm Description of Attached Document Title or Type of Document:Assignment Document Date: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: IndividualCorporate Officer	Signer's Name: Individual Corporate Officer Title(s): Partner — Limited General Attorney-in-Fact Trustee Guardian or Conservator Of this form to another document. Number of Pages:2 Number of Pages:2 Signer's Name: Pages:2 Number of Pages:2 Limited General RIGHT THUMBPRII OF SIGNER